



05-05-06

Mailed via Express Mail Mailing Label No.
EV 843639353 US on May 4, 2006Comparable to Form PTO/SB/08A (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	10/567,990 ✓
				Filing Date	16 August 2004 (International)
				First Named Inventor	Andrew D. GREENTREE
				Group Art Unit	
				Examiner Name	
Sheet	1	of	2	Attorney Docket No.	FBR10000P00150US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
/AH/	1.	US- 5,663,571A*	09-02-1997	Ugajin	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
/AH/	2.	WO 2004/049252 A2	06-10-2004	D-Wave Systems, Inc.	pp. 26 - 29	

Examiner Signature	/Andy Huynh/ (09/13/2007)	Date Considered	
--------------------	---------------------------	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standards ST.16, if possible. ⁶ Applicant is to place a checkmark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) and application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



Mailed via Express Mail Mailing Label No.
EV 843639353 US on May 4, 2006

Comparable to Form PTO/SB/08A (08-03)
Approved for use through 07/31/2006 OMB 0651-0031
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	10/567,990
				Filing Date	16 August 2004 (International)
				First Named Inventor	Andrew D. GREENTREE
				Group Art Unit	
				Examiner Name	
Sheet	2	of	2	Attorney Docket No.	FBR10000P00150US

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
/AH/	3.	VAN HOUTEN <i>et al.</i> , "Coulomb-Blockade Oscillations in Semiconductor Manufacturing," from Grabert <i>et al.</i> , "Single Charge Tunneling," NATO ASI Series B294 Plenum, New York, 1992 - eprint at http://arxiv.org/abs/cond-mat/0508454		
/AH/	4.	HOLLENBERG <i>et al.</i> , "Charge-Based Quantum Computing Using Single Donor Semiconductors" - 10 June 2003 - eprint at http://arxiv.org/abs/cond-mat/0306235		
/AH/	5.	A. D. Greentree <i>et al.</i> , "Charge shelving and bias spectroscopy for the readout of a charge qubit on the basis of superposition states," Physical Review B, 16 July 2004, vol. 70, article 041305 - Whole document		
/AH/	6.	A. D. Greentree <i>et al.</i> , "Electrical readout of a spin qubit without double occupancy" (online), 24 March 2004 (retrieved on 8 October 2004). Retrieved from the Internet, <URL: http://xxx.lanl.gov/abs/cond-mat/04034449 >- Whole document		
/AH/	7.	Patent Abstracts of Japan, JP 09-326485 A (SONY CORP) 16 December 1997 - Whole document		
/AH/	8.	International Search report for PCT/AU2004/001067		
[Crossed out section]				
Examiner Signature		/Andy Huynh/ (09/13/2007)	Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) and application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450.